## **EAST Search History**

| Ref<br># | Hits | Search Query                                                                                                                                                                                                 | DBs                                                               | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------|---------|------------------|
| S18      | 32   | (tantalum niobium) with thickness<br>and (size with (".mu.m" micron))<br>and ("(111)" "[111]" "{111}"<br>"<111>") and (free absen\$2<br>minim\$2 no predominat\$3) with<br>("(100)" "[100]" "{100}" "<100>") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/01/17 14:52 |
| S16      | 18   | (tantalum niobium) with thickness and (grain near2 size with (".mu.m" micron)) and ("(111)" "[111]" "{111}" "<111>") and (free absen\$2 minim\$2 no predominat\$3) with ("(100)" "[100]" "{100}" "<100>")    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/01/17 14:52 |
| S15      | 18   | (tantalum niobium) with thickness and (grain near2 size with (".mu.m" micron)) and ("(111)" "[111]" "{111}" "<111>") and (free absen\$2 minim\$2 no) with ("(100)" "[100]" "{100}" "<100>")                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/01/17 14:54 |
| S21      | 3    | S20 not S16                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/01/17 14:55 |
| S20      | 16   | (148/422,668-672).ccls. and (tantalum niobium) and thickness and size with (".mu." micron) and ("(111)" "[111]" "{111}" "<111>") and (free absen\$2 minim\$2 no) with ("(100)" "[100]" "{100}"."<100>")      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/01/17 14:55 |
| S23      | 19   | S22 not S18                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/01/17 14:56 |
| S25      | 2    | "6193821".pn.                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/01/17 15:00 |
| S24      | 19   | S22 not (S18 S16)                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/01/17 15:00 |

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| S22 | 32   | (148/422,668-672).ccls. and (tantalum niobium) and thickness and size with (".mu." micron) and ("(111)" "[111]" "{111}" "<111>") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/17 15:04 |
|-----|------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|----|------------------|
| S26 | 9    | (148/422,668-672).ccls. and (tantalum niobium) and thickness and size with (".mu." micron) and ("(222)" "[222]" "{222}" "<222>") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/17 15:12 |
| S27 | 9    | (148/422,668-672).ccls. and (tantalum niobium) and thickness and size with (".mu.m" micron) and ("(222)" "{222}" "<222>")        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2007/01/17 15:16 |
| S32 | 1320 | (148/422,668-672).ccls.                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/17 15:18 |
| S31 | 43   | (148/422,668-672).ccls. and (tantalum niobium) and thickness and grain adj size and "111"                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/17 15:18 |
| S29 | 8    | (148/422,668-672).ccls. and<br>(tantalum niobium) and thickness<br>and grain adj size and ("(222)"<br>"[222]" "{222}" "<222>")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/17 15:18 |
| S30 | 78   | (148/422,668-672).ccls. and<br>(tantalum niobium) and thickness<br>and grain adj size                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/17 15:20 |
| S37 | 48   | (148/422,668-672).ccls. and (tantalum niobium) and thickness and size with (".mu.m" micron)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/17 15:21 |

## **EAST Search History**

| S36 | 48. | (148/422,668-672).ccls. and<br>(tantalum niobium) and thickness<br>and size with (mu micron) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/17 15:21 |
|-----|-----|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S38 | 10  | (148/422,668-672).ccls. and (tantalum niobium) and thickness and size and "222"              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/17 15:23 |
| S35 | 48  | (148/422,668-672).ccls. and (tantalum niobium) and thickness and size with (".mu." micron)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/17 15:23 |